

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E86132

**Participation :** CTR

**Employer :** Carlisle Interconnect Technologies

**Status :** Unaffected

**Worksite :**

**Survey Type :** Paper

**Street :** 6801 S 180th St

**Response Rate :** 82%

**Jurisdiction :** City of Tukwila

**Survey Date :** 3/23/2018

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 13.7%

**Drive Alone Rate :** 86.3%

**One-Way VMT per employee :** 13.4

**Average One-Way distance home to work :** 21.2

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 552

**Surveys Distributed :** 552

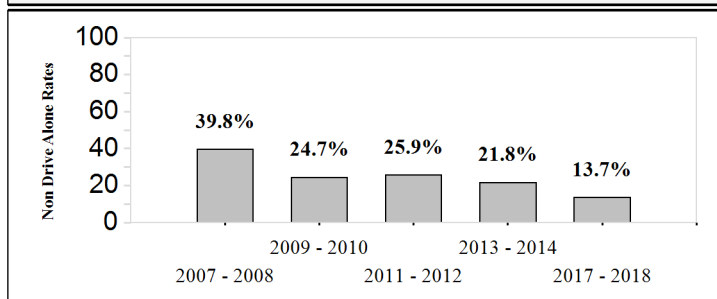
**Surveys Returned :** 453

**Surveys Returned by CTR Affected\* Employees :** 316

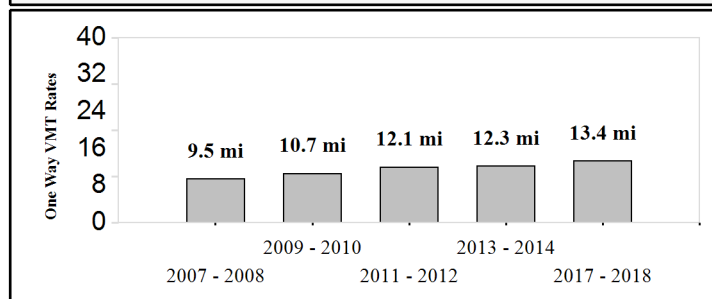
**Total Estimated CTR Affected Employees at Worksite :** 385

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO2e Pounds CO2e

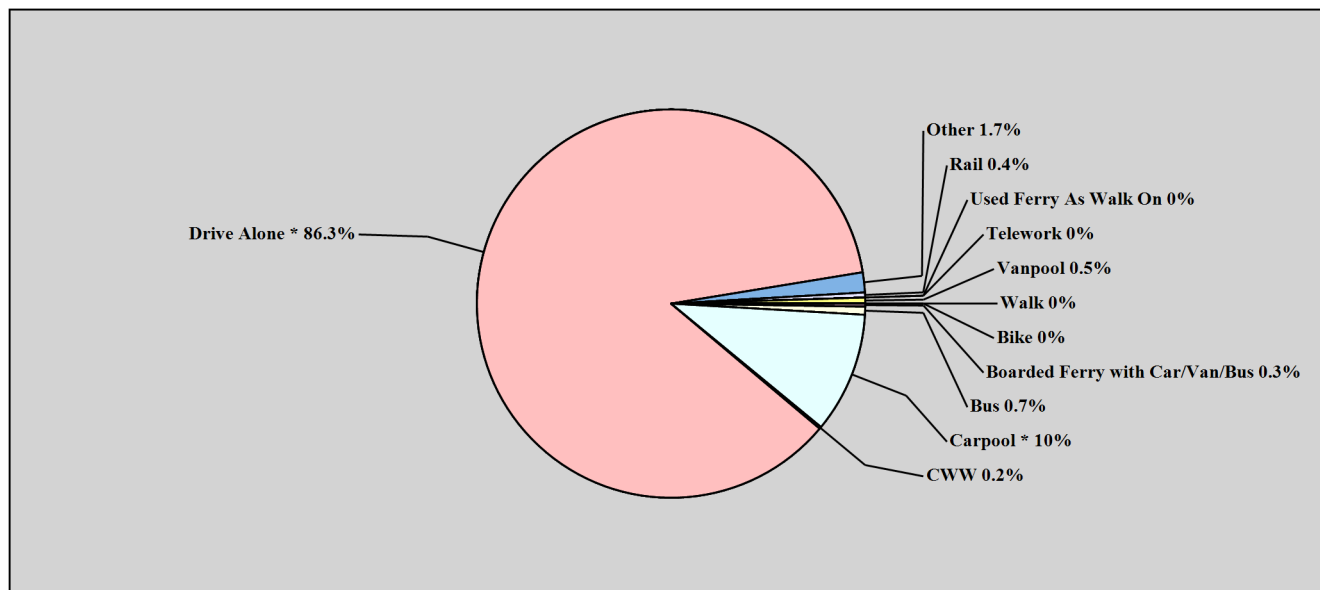
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	39.8%	40.1%	552	1238	19.8	9.5	9.5
2009 - 2010	24.7%	24.8%	452	1593	25.4	10.7	10.6
2011 - 2012	25.9%	26.5%	673	1755	28.0	12.1	12.0
2013 - 2014	21.8%	21.9%	961	2216	35.4	12.3	12.4
2015 - 2016	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2017 - 2018	13.7%	14.7%	1429	1741	27.8	13.4	13.3
Target	27.1%				Target:	13.9	
% Point Change Target:	-12.7				% Change Target:	46.3%	
% Point Change from Baseline:	-26.1				% Change from Baseline:	41.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



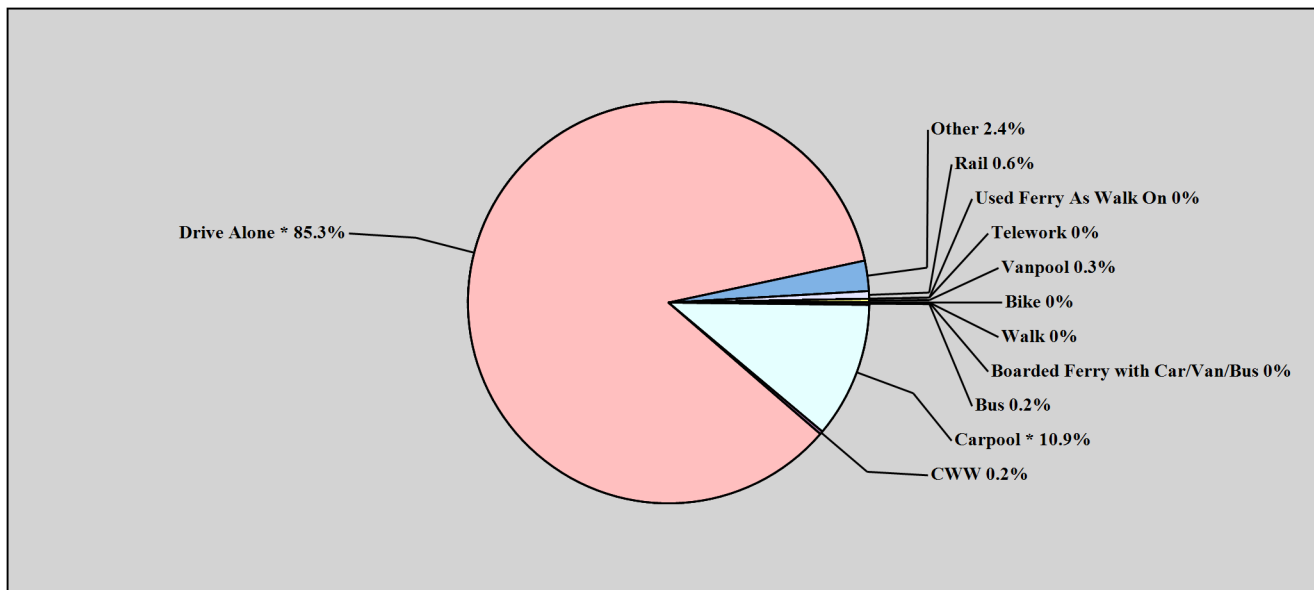
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	2,070	86.3%	78.1%	387	85.4%	79.3%
Carpool *	241	10.0%	19.1%	46	10.2%	20.2%
Vanpool	12	0.5%	0.0%	3	0.7%	0.0%
Bus	16	0.7%	1.5%	4	0.9%	1.7%
Rail	10	0.4%	0.3%	2	0.4%	0.3%
Bike	0	0.0%	0.3%	0	0.0%	0.3%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.1%	0	0.0%	0.3%
CWW	4	0.2%	0.0%	2	0.4%	0.0%
Boarded Ferry with Car/Van/Bus	6	0.3%	0.3%	2	0.4%	0.3%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	40	1.7%	0.3%	7	1.5%	0.3%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,398	85.3%	78.1%	268	84.8%	79.1%
Carpool *	179	10.9%	19.2%	34	10.8%	20.0%
Vanpool	5	0.3%	0.0%	2	0.6%	0.0%
Bus	3	0.2%	1.5%	2	0.6%	1.8%
Rail	10	0.6%	0.3%	2	0.6%	0.3%
Bike	0	0.0%	0.3%	0	0.0%	0.3%
Walk	0	0.0%	0.0%	0	0.0%	0.0%
Telework	0	0.0%	0.1%	0	0.0%	0.3%
CWW	4	0.2%	0.0%	2	0.6%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.3%	0	0.0%	0.3%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	40	2.4%	0.3%	7	2.2%	0.3%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	389	86%	453	100%
<b>1 Days</b>	3	1%	64	14%
<b>2 Days</b>	4	1%	61	13%
<b>3 Days</b>	2	0%	57	13%
<b>4 Days</b>	1	0%	55	12%
<b>5 Days</b>	28	6%	54	12%
<b>6 or More Days</b>	26	6%	26	6%

**Count by Occupancy of Carpools and Vanpools**

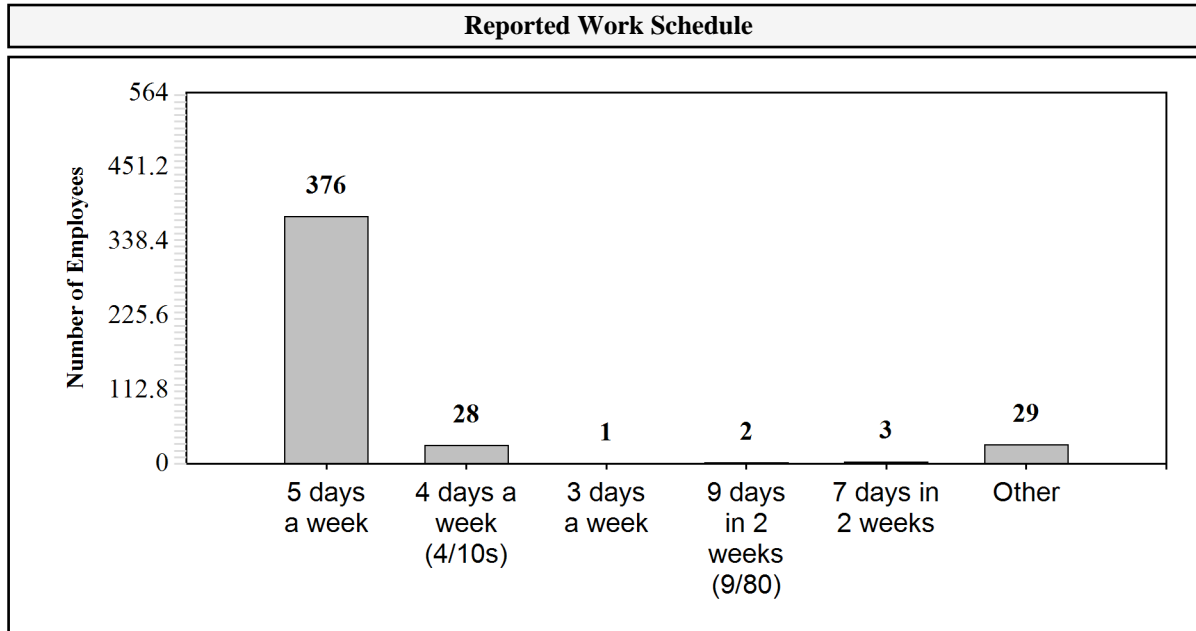
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	217
<b>3</b>	Carpool	24
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	12
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

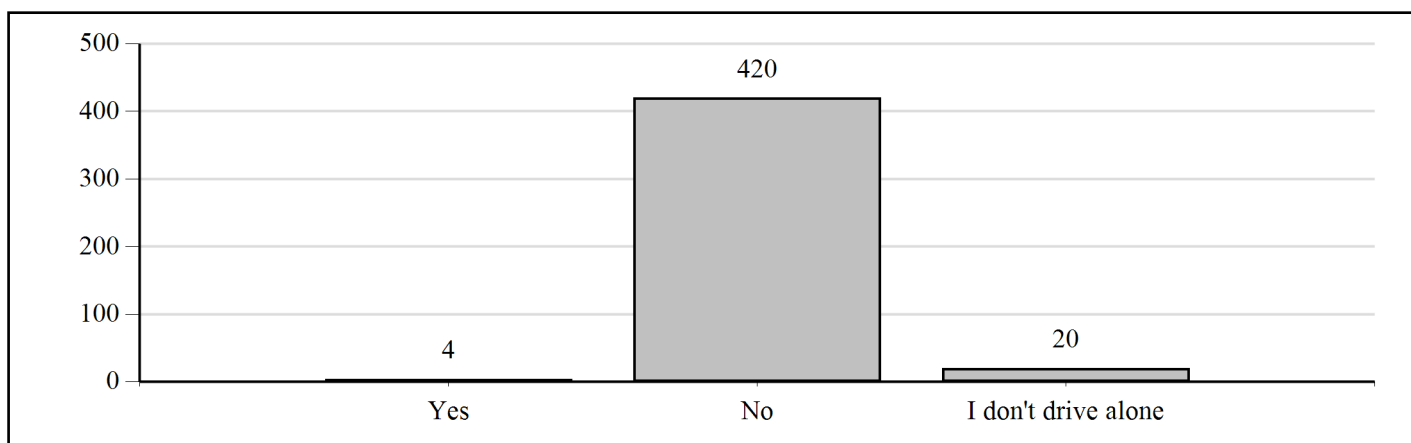
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	376	85.6%
4 days a week (4/10s)	28	6.4%
3 days a week	1	0.2%
9 days in 2 weeks (9/80)	2	0.5%
7 days in 2 weeks	3	0.7%
Other	29	6.6%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	11	2.4%
I don't telework	421	92.9%
Occasionally, on an as-needed basis	16	3.5%
1-2 days/month	2	0.4%
1 day/week	1	0.2%
2 days/week	1	0.2%
3 days/week	1	0.2%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	165	21.7%
To save time using the HOV lane	85	11.2%
Personal health or well-being	82	10.8%
Environmental and community benefits	78	10.2%
Other	73	9.6%
Emergency ride home is provided	52	6.8%
Financial incentives for carpooling, bicycling or walking.	46	6.0%
Driving myself is not an option	42	5.5%
Free or subsidized bus, train, vanpool pass or fare benefit	38	5.0%
Cost of parking or lack of parking	35	4.6%
Preferred/reserved carpool/vanpool parking is provided	31	4.1%
I receive a financial incentive for giving up my parking space	23	3.0%
I have the option of teleworking	12	1.6%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	328	31.2%
Riding the bus or train is inconvenient or takes too long	223	21.2%
Family care or similar obligations	151	14.4%
My commute distance is too short	132	12.6%
My job requires me to use my car for work	67	6.4%
Bicycling or walking isn't safe	56	5.3%
Other	52	5.0%
I need more information on alternative modes	36	3.4%
There isn't any secure or covered bicycle parking	5	0.5%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98031	41	9.05%	202	12	0	0	0	0	0	0	0	0	5	0	0
98030	28	6.18%	137	1	0	0	6	0	0	0	0	0	0	0	5
98032	24	5.30%	116	5	0	0	0	0	0	0	0	0	1	0	0
98168	24	5.30%	116	22	0	0	0	0	0	0	0	0	0	0	0
98042	21	4.64%	106	5	0	0	0	0	0	0	0	0	0	0	0
98003	16	3.53%	90	0	0	0	0	0	0	0	0	0	0	0	0
98092	16	3.53%	82	6	0	0	0	0	0	0	0	0	0	0	0
98118	15	3.31%	72	0	7	0	0	0	0	0	0	0	0	0	0
98058	14	3.09%	69	6	0	0	0	0	0	0	0	0	0	0	0
98002	13	2.87%	61	5	0	0	0	0	0	0	0	0	0	0	0
98146	13	2.87%	45	17	0	0	0	0	0	0	0	2	0	0	0
98178	13	2.87%	63	0	0	0	0	0	0	0	0	0	0	0	6
98198	13	2.87%	68	0	0	0	0	0	0	0	0	0	0	0	0
98055	12	2.65%	37	19	0	0	0	0	0	0	0	0	0	0	13
98038	10	2.21%	51	0	0	0	0	0	0	0	0	0	0	0	0
98059	10	2.21%	33	23	0	0	0	0	0	0	0	0	0	0	0
98106	10	2.21%	42	4	0	0	2	0	0	0	0	0	0	0	0
98188	10	2.21%	42	14	0	0	0	0	0	0	0	0	0	0	0
98001	9	1.99%	37	10	0	0	0	0	0	0	0	2	0	0	0
98023	8	1.77%	29	6	0	0	0	0	0	0	0	0	0	0	6
98108	8	1.77%	37	0	0	0	0	0	0	0	0	0	0	0	0
98391	7	1.55%	31	0	0	0	0	5	0	0	0	0	0	0	0
	6	1.32%	12	7	0	0	0	0	0	0	0	0	0	0	5
98056	6	1.32%	25	7	0	0	0	0	0	0	0	0	0	0	0
98374	6	1.32%	29	0	3	0	0	0	0	0	0	0	0	0	0
98375	5	1.10%	12	14	0	0	0	0	0	0	0	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98404	5	1.10%	31	0	0	0	0	0	0	0	0	0	0	0	0
98047	4	0.88%	6	18	0	0	0	0	0	0	0	0	0	0	0
98424	4	0.88%	14	5	2	0	0	0	0	0	0	0	0	0	0
9800	3	0.66%	18	0	0	0	0	0	0	0	0	0	0	0	0
98057	3	0.66%	12	0	0	0	7	0	0	0	0	0	0	0	0
98126	3	0.66%	13	3	0	0	0	0	0	0	0	0	0	0	0
98372	3	0.66%	15	0	0	0	0	0	0	0	0	0	0	0	0
98467	3	0.66%	10	0	0	0	1	5	0	0	0	0	0	0	0
98133	2	0.44%	5	5	0	0	0	0	0	0	0	0	0	0	0
9818	2	0.44%	11	0	0	0	0	0	0	0	0	0	0	0	0
98321	2	0.44%	11	0	0	0	0	0	0	0	0	0	0	0	0
98338	2	0.44%	2	5	0	0	0	0	0	0	0	0	0	0	0
98373	2	0.44%	10	0	0	0	0	0	0	0	0	0	0	0	0
98408	2	0.44%	6	5	0	0	0	0	0	0	0	0	0	0	0
28	1	0.22%	7	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
8 68	1	0.22%	0	0	0	0	0	0	0	0	0	0	0	0	0
8003	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
8144	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
842	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
9 03	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
9118	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
9375	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
98 25	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
98 31	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98 5	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98006	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.22%	4	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98018	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
9802	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98027	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.22%	7	0	0	0	0	0	0	0	0	0	0	0	0
9803	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98034	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98045	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98072	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98075	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
981	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98121	1	0.22%	0	0	0	0	0	0	0	0	0	0	0	0	0
98122	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
98148	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
9817	1	0.22%	7	0	0	0	0	0	0	0	0	0	0	0	0
98189	1	0.22%	0	0	0	0	0	0	0	0	0	0	0	0	0
98204	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98208	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.22%	7	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
98387	1	0.22%	7	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98390	1	0.22%	3	2	0	0	0	0	0	0	0	0	0	0	0
98409	1	0.22%	7	0	0	0	0	0	0	0	0	0	0	0	0
98422	1	0.22%	1	5	0	0	0	0	0	0	0	0	0	0	0
98439	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.22%	0	0	0	0	0	0	0	0	0	0	0	0	5
98460	1	0.22%	0	5	0	0	0	0	0	0	0	0	0	0	0
98499	1	0.22%	5	0	0	0	0	0	0	0	0	0	0	0	0
98503	1	0.22%	0	5	0	0	0	0	0	0	0	0	0	0	0
986 8	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
98661	1	0.22%	6	0	0	0	0	0	0	0	0	0	0	0	0
98761	1	0.22%	7	0	0	0	0	0	0	0	0	0	0	0	0